

FIG. 1

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CUSTOMERS_NAME	TYPE	NULLABLE?
CustomerName	varchar (255)	No
CustomerActive	bit	No
CustomerAge	integer	Yes
StateCode	char (2)	No

STATES_NAME	TYPE	NULLABLE?
StateCode	char (2)	No
StateName	varchar (128)	No

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INTEGRITY CONSTRAINTS
Customers.StateCode is a foreign key reference to States.StateCode

FIG. 2

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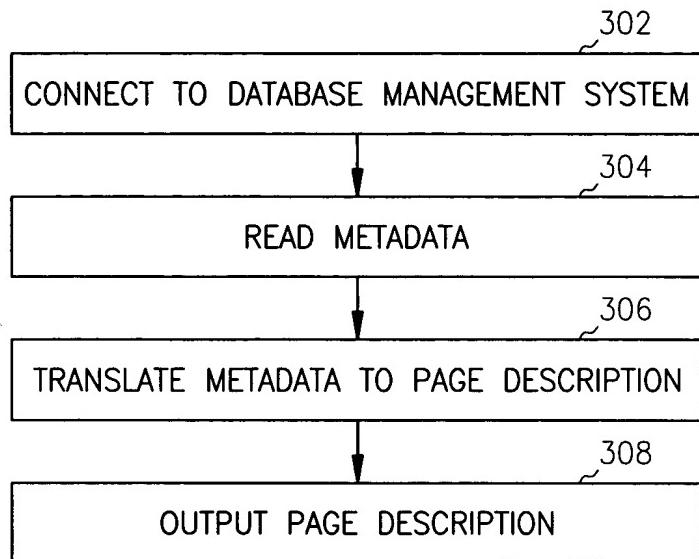


FIG. 3

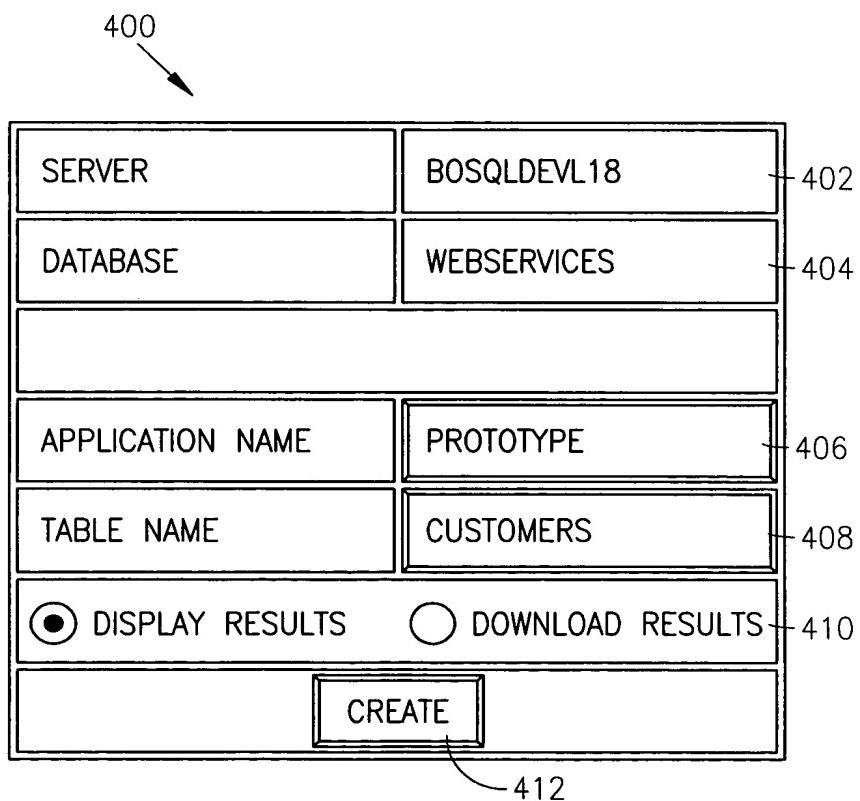


FIG. 4

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```
<html>
  <head>
    <title>Generated Prototype Application (Prototype)</title>
  </head>
  <body bgcolor="#ffffff">
    <h2>Generated <i>Prototype</i> Application</h2>
    <cfform action="Customers.cfm" method="post">
      <table border="1">
        <tr>
          <th align="left">CustomerName</th>
          <td>
            <cfinput type="text" name="CustomerName" value="" required="Yes"
                     message="The CustomerName entry is required."
                     size="60" maxlength="255">
          </td>
        </tr>
        <tr>
          <th align="left">CustomerActive</th>
          <td>
            <cfinput type="checkbox" name="CustomerActive" >
          </td>
        </tr>
        <tr>
          <th align="left">CustomerAge</th>
          <td>
            <cfinput type="text" name="CustomerAge" validate="integer"
                     message="The CustomerAge entry must be an integer."
                     required="Yes" value="">
          </td>
        </tr>
        <tr>
          <th align="left">StateCode</th>
          <td>
            <cfinput type="text" name="StateCode" value="" required="Yes"
                     message="The StateCode entry is required." size="2" maxlength="2">
          </td>
        </tr>
        <tr>
          <td colspan="2" align="center">
            <input type="submit">
          </td>
        </tr>
      </table>
    </cfform>
  </body>
</html>
```

FIG. 5